

LUMINEU summary

Luminescent **U**nderground **M**olybdenum **I**nvestigation for **NEU**trino mass and nature

Funded by Agence Nationale de la Recherche (France)

Collaboration: **France** (Orsay, Saclay, ICMCB Bordeaux), **Ukraine** (KINR Kiev), **Russia** (NIIC Novosibirsk), **Germany** (Heidelberg) ; about 40 physicists - engineers

Aim: Set the bases for a **next-generation neutrinoless double-beta** decay experiment for the study of the isotope ^{100}Mo embedded in **ZnMoO₄ scintillating bolometers**